

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/002097

A. CLASSIFICATION OF SUBJECT MATTER

IPC7-H02K 1/06, H02K 21/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC7-H02K 1/00, H02K 21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Databases Searched: Delphion, Pluspat; IEEE Xplore; Canadian Patent Database; USPTO
Keywords: air* gap and stator and rotor and (polyphase or multiphase)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
X	WO 0131766 (Gianni et al.) 03 May 2001 (03-05-2001) ** Entire document **	1-11,13-14
Y		12
Y	US 5,955,810 (Umeda et al.) 21 Sep. 1999 (21-09-1999) [Col 2 Lines 17-27]	12
A	US 6,495,941 (Nishimura) 17 Dec. 2002 (17-12-2002) ** Entire document **	1-14
A	US 6,512,314 (Nakanishi) 28 Jan. 2003 (28-01-2003) ** Entire document **	1-14

[] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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14 February 2005 (24-02-2005)

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Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCT
50 Victoria Street
Gatineau, Quebec K1A 0C9

Authorized officer
Avneet Singh Sahni (819) 934-4551

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Information on patent family members

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